

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: GILL et al.
Docket: HSJ920030016US4
Title: METHOD AND APPARATUS FOR ENHANCING THERMAL STABILITY, IMPROVING BIASING AND REDUCING DAMAGE FROM ELECTROSTATIC DISCHARGE IN SELF-PINNED ABUTTED JUNCTION HEADS HAVING A SELF-PINNED LAYER EXTENDING BEYOND THE FREE LAYER

CERTIFICATE UNDER 37 CFR 1.10

Express Mail' mailing label number: EV 309495995 US

Date of Deposit: July 29, 2003

I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Kathleen McDevitt
Name: Kathleen McDevitt

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet containing Certificate under 37 CFR 1.10.
- ☒ Patent Application: Pages Numbered 1-31, including 1pg. Abstract; 26 claims.
- ☒ 10 sheets of formal drawings, having Figures 1-6d; 7a-7b; and 8.
- ☒ An unexecuted Declaration, 3 pages.
- ☒ An Information Disclosure Statement (2 pages); PTO Form 1449; and references.
- ☒ Please defer payment of the filing fees.
- ☒ 2 Return Postcards

The fees are calculated as follows:

Basic Filing Fee = \$750.00

Fee for total number of claims in excess of 20 = \$18 * (26-20) = 108.00

Fee for total number of independent claims in excess of 3 = \$84 * (5 - 3) = 168.00

Total filing fee due = \$1026.00

CRAWFORD MAUNU PLLC
1270 Northland Drive, Suite 390
St. Paul, MN 55120
(651) 686-6633

By: David W. Lynch
Name: David W. Lynch
Reg. No.: 36,204